

**AMENDMENTS TO THE SPECIFICATION
PURSUANT TO 37 C.F.R. § 1.121**

Page 1 Para 1

C2 This is a [Continuation] Divisional of copending application 08/888,309 filed on 07/03/97
(now issued as U.S. Patent No. 6,048,734) which is a Continuation-In-Part of copending U.S.
Patent Application 08/529,293 filed on 09/15/95 (now issued as U.S. Patent No. 6,057,149).

Page 6 Para 2

The present invention contemplates a method for moving microdroplets, comprising:

3 (a) providing a liquid microdroplet disposed within a microdroplet transport channel etched in silicon, said channel in liquid communication with a reaction region via said transport channel and separated from a microdroplet flow-directing means by a liquid barrier; and (b) conveying said microdroplet in said transport channel to said reaction region via said microdroplet flow-directing means. It is not intended that the present invention be limited by the particular nature of the microdroplet flow-directing means. In one embodiment, it comprises a series of aluminum heating elements arrayed along said transport channel and the microdroplets are conveyed by differential heating of the microdroplet by the heating elements.
